10/748,560
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FILE 'BIOSIS, CAPLUS, EMBASE, JAPIO' ENTERED AT 12:26:31 ON 28 OCT 2005

FILE 'CANCERLIT, JAPIO, BIOSIS, EMBASE, CAPLUS' ENTERED AT 12:26:52 ON 28 OCT 2005

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L1             0 S (ANALYTICAL ELMENT)
L2           964 S (ANALYTICAL ELEMENT)
L3            10 S L2 AND HYBRIDIZATION?
L4             4 S L2 AND AMPLIFICATION?
L5             3 S L3 AND L4
L6             3 DUPLICATE REMOVE L5 (0 DUPLICATES REMOVED)
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ANSWER 3 OF 3 JAPIO (C) 2005 JPO on STN

AN 2001-190291 JAPIO

TI SPECIES-PECULIAR DETECTION FOR NUCLEIC ACID BY **ANALYTICAL ELEMENT**

IN KELLER VOLKER; RAUSCHER ANDREAS; STEINBISS JOACHIM; SCHLIPFENBACHER RAINER; KLEPP JUERGEN DR

PA ROCHE DIAGNOSTICS GMBH

PI JP 2001190291 A 20010717 Heisei

AI JP 2000-358273 (JP2000358273 Heisei) 20001124

PRAI DE 1999-19956820 19991125

SO PATENT ABSTRACTS OF JAPAN (CD-ROM), Unexamined Applications, Vol. 2001

IC ICM C12N015-09

ICS C12M001-00; C12Q001-68; G01N033-53; G01N033-543; G01N033-566

AB PROBLEM TO BE SOLVED: To provide a method of species-peculiar detection for nucleic acids by **analytical element** which is capable of omitting the pretreatment of the nucleic acids to be detected and directly or directly after **amplification** process applying the nucleic acids to **analytical element**.

SOLUTION: This method is a method for detecting nucleic acids by **analytical element** which contains a sample application zone and a detection zone and permits liquid transport from the sample application zone to the detection zone. The above method comprises a process for applying a sample containing the nucleic acids to be detected to the sample application zone and a process for detecting the nucleic acids by means of **hybridization** with a detection probe in the detection zone and is carried out by denaturalizing the nucleic acids to be detected on the **analytical element**.